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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/698,638

10/31/2003

Rex Wesley Shores

31849.35

3375

46334 7590 12/06/2007
HAYNES AND BOONE, LLP
901 Main Street
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EXAMINER

CUMBERLEDGE, JERRY L

ART UNIT

PAPER NUMBER

3733

MAIL DATE

DELIVERY MODE

12/06/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Interview Summary	Application No.	Applicant(s)	
	10/698,638	SHORES ET AL.	
	Examiner	Art Unit	
	Jerry Cumberledge	3733	

All participants (applicant, applicant's representative, PTO personnel):

- (1) Jerry Cumberledge. (3) Andrew Lowes.
 (2) Eduardo Robert. (4) Gregory Webb.

Date of Interview: 19 November 2007.

Type: a) ☒ Telephonic b) ☐ Video Conference
 c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.
 If Yes, brief description: _____.

Claim(s) discussed: 1-23.

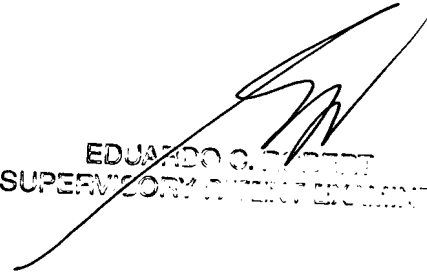
Identification of prior art discussed: Mickel et al. (US Pat. 6,062,575).

Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

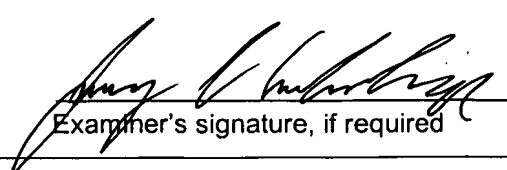
Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.


 EDUARDO G. ROBERT
 SUPERVISORY PATENT EXAMINER

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.


 Examiner's signature, if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant's representative explained his interpretation of the claims and why he believes the Mickel et al. reference does not read on them. He argued that the ball does not move with respect to what the examiner is considering to be the coupling shaft and that it thus cannot move through a first path in a direction at least partially parallel to the longitudinal axis. The examiner argued that the ball does move with respect to the coupling shaft, since the ball is rolling and the rotational motion of the ball will cause the ball to move through a path that is at least partially parallel to the longitudinal axis. Also discussed was the possibility of claiming the aperture in a more structurally specific way (e.g. defining the length and width of the aperture). Further search and/or consideration will be necessary.

